

LIQUI-VIEW Base

LVB-15-A

Low-Flow Vortex Flowmeter for Liquids



Technical specifications

Measurement & control

| | |
|------------------------------|---|
| Type of media | liquids water-like |
| Flow range | 3.5...50 l/min |
| Accuracy | < 2% RD ($\geq 50\%$ FS) < 1% FS (< 50% FS) |
| Turndown ratio | 1:20 (5...100%) |
| Operating temperature | < 125 °C |
| Fluid temperature | < 125 °C |
| Pressure drop | (6,7 * Q ²) / 100 (mbar) |
| Mounting | in any position |
| Storage/transport conditions | 0...50 °C, max. 95% RH (non-condensing) |

Approvals

| | |
|--------------------------|-----------------------|
| Marking | CE, RoHS, WEEE, REACH |
| Approvals & Certificates | KTW/W270 |

Mechanical specs

| | |
|-----------------------|---|
| Pressure rating (PN) | 12 |
| Ingress protection | IP65 |
| Material wetted parts | ETFE (sensor paddle), PA6T/6I 40% GF (body) |
| Sealing material | EPDM |
| Sensor inner diameter | DN15 |
| Process connections | G3/4 |

Electrical properties

| | |
|------------------------|-------------|
| Power supply | 10...30 Vdc |
| Power consumption | 0.66 W |
| Analog output | 4...20 mA |
| Frequency/Pulse output | 4...20 mA |

Electrical interfaces

| | |
|---------------------------------|-------------------|
| Power (main connector) | 4-pin M12A (male) |
| Function (instrument connector) | Analog |